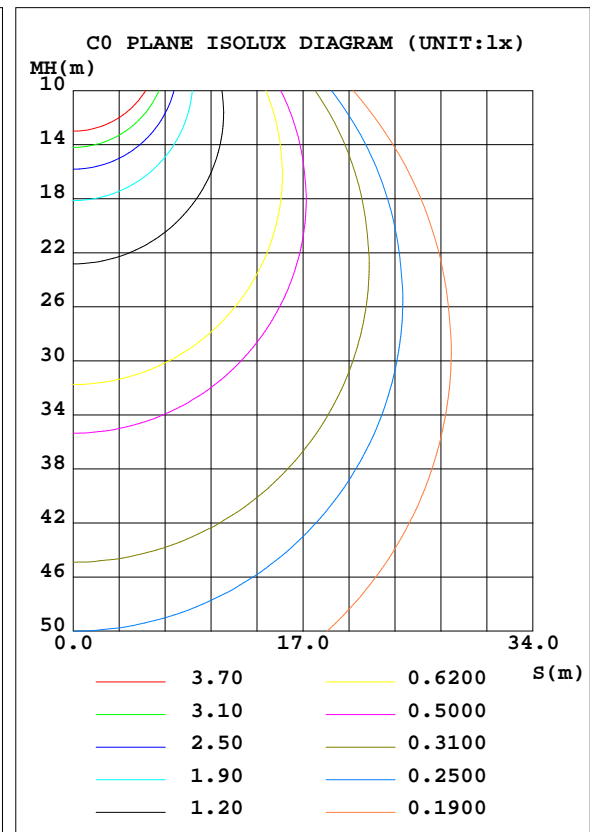
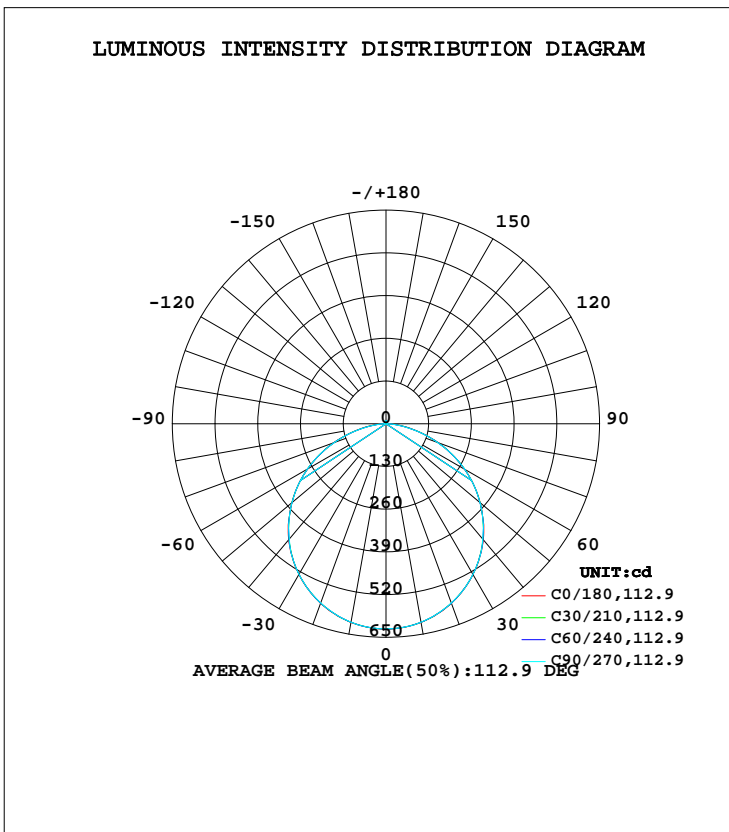


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.00V I:0.0900A P:19.000W PF:0.9130 Freq:50.00Hz Lamp Flux:1813.24x1 lm		
NAME: O18W-E 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 95.43 lm/W			
MODEL		I _{max} (cd)	624.9	S/MH(C0/180)	1.26
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1813.2	η UP, DN(C0-180)	0.8,49.2
NOMINAL FLUX(lm)	1813.24	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8,49.2
LAMPS INSIDE	1	η up(%)	1.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	η down(%)	98.4	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:15 September 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	614.1	613.4	613.4	613.4	614.1	613.4	613.4	613.4	0- 10	59.09	59.09	3.26,3.26
20	582.0	581.0	580.6	581.0	582.0	581.0	580.6	581.0	10- 20	169.3	228.4	12.6,12.6
30	529.7	529.5	529.4	529.5	529.7	529.5	529.4	529.5	20- 30	257.0	485.3	26.8,26.8
40	460.5	459.4	458.1	459.4	460.5	459.4	458.1	459.4	30- 40	310.6	796.0	43.9,43.9
50	373.9	373.8	373.6	373.8	373.9	373.8	373.6	373.8	40- 50	322.5	1118	61.7,61.7
60	275.3	275.9	276.1	275.9	275.3	275.9	276.1	275.9	50- 60	291.5	1410	77.8,77.8
70	168.9	168.1	167.2	168.1	168.9	168.1	167.2	168.1	60- 70	220.1	1630	89.9,89.9
80	67.07	64.56	62.00	64.56	67.07	64.56	62.00	64.56	70- 80	121.1	1751	96.6,96.6
90	10.17	6.817	3.601	6.817	10.17	6.817	3.601	6.817	80- 90	32.24	1783	98.4,98.4
100	2.229	2.224	2.218	2.224	2.229	2.224	2.218	2.224	90-100	2.980	1786	98.5,98.5
110	3.170	3.183	3.204	3.183	3.170	3.183	3.204	3.183	100-110	2.848	1789	98.7,98.7
120	4.198	4.233	4.279	4.233	4.198	4.233	4.279	4.233	110-120	3.669	1793	98.9,98.9
130	5.292	5.340	5.421	5.340	5.292	5.340	5.421	5.340	120-130	4.284	1797	99.1,99.1
140	6.400	6.449	6.553	6.449	6.400	6.449	6.553	6.449	130-140	4.561	1802	99.4,99.4
150	7.447	7.473	7.588	7.473	7.447	7.473	7.588	7.473	140-150	4.372	1806	99.6,99.6
160	8.388	8.364	8.495	8.364	8.388	8.364	8.495	8.364	150-160	3.666	1810	99.8,99.8
170	9.242	9.177	9.306	9.177	9.242	9.177	9.306	9.177	160-170	2.485	1812	100,100
180	9.684	9.652	9.665	9.652	9.684	9.652	9.665	9.652	170-180	0.8982	1813	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 958.47 lm

%lum = 52.9%
 %lamp = 52.9%

Conical surface Flux(120deg): 1410 lm

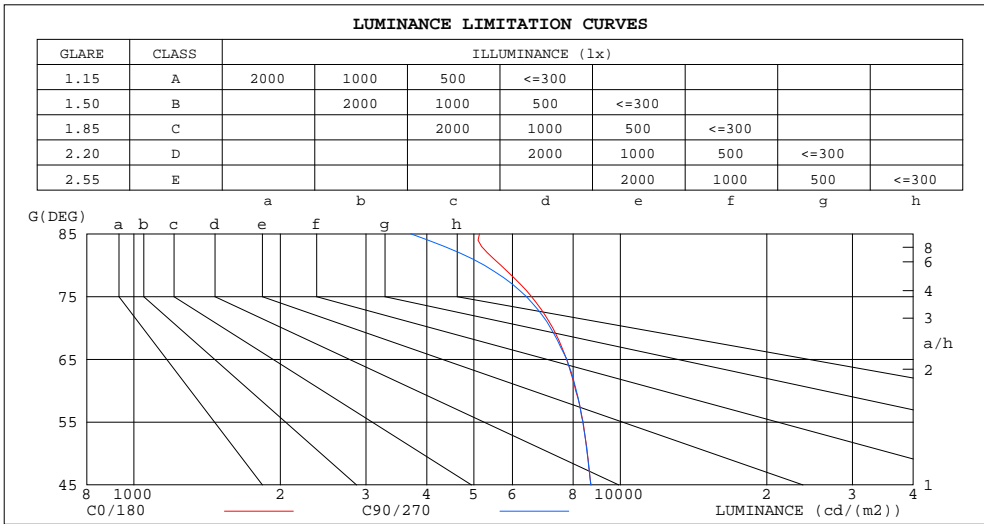
%lum = 77.8%
 %lamp = 77.8%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:15 September 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.00V I:0.0900A P:19.000W PF:0.9130 Freq:50.00Hz Lamp Flux:1813.24x1 lm		
NAME: O18W-E 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5134	3709
80	5680	5250
75	6568	6410
70	7263	7190
65	7753	7764
60	8096	8119
55	8380	8374
50	8555	8548
45	8708	8691

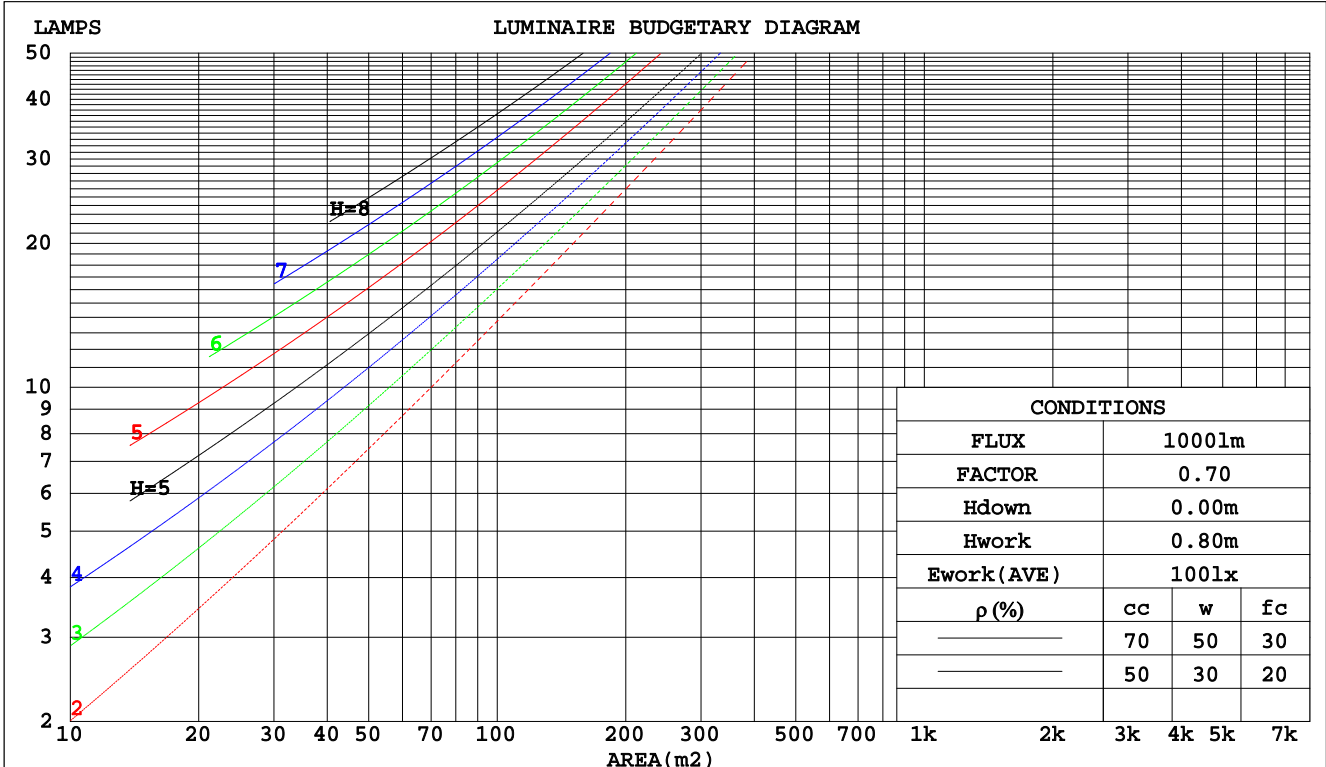
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:15 September 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.00V I:0.0900A P:19.000W PF:0.9130 Freq:50.00Hz Lamp Flux:1813.24x1 lm		
NAME: O18W-E 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.98
1.0	1.04	.99	.95	1.01	.97	.94	.97	.93	.91	.92	.90	.87	.89	.86	.85	.82
2.0	.90	.83	.78	.88	.82	.77	.84	.79	.75	.81	.76	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.55	.69	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.63	.54	.47	.61	.53	.47	.59	.52	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.51	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 15 September 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 10.890m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:230.00V I:0.0900A P:19.000W PF:0.9130 Freq:50.00Hz Lamp Flux:1813.24x1 lm		
NAME: O18W-E 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.307	.175	.055	.300	.171	.054	.286	.164	.052	.273	.157	.050	.261	.151	.049	
2.0	.290	.159	.049	.283	.156	.048	.271	.150	.047	.259	.145	.045	.248	.140	.044	
3.0	.269	.143	.043	.263	.141	.042	.252	.136	.041	.241	.132	.041	.232	.128	.040	
4.0	.248	.129	.038	.243	.127	.038	.233	.124	.037	.224	.120	.036	.215	.117	.036	
5.0	.229	.117	.034	.225	.115	.034	.216	.112	.033	.208	.110	.033	.200	.107	.032	
6.0	.213	.107	.031	.209	.105	.030	.201	.103	.030	.193	.101	.030	.187	.098	.029	
7.0	.198	.098	.028	.194	.097	.028	.187	.095	.027	.181	.093	.027	.175	.091	.027	
8.0	.185	.090	.025	.182	.090	.025	.175	.088	.025	.169	.086	.025	.164	.084	.024	
9.0	.174	.084	.023	.171	.083	.023	.165	.081	.023	.159	.080	.023	.154	.078	.023	
10.0	.163	.078	.022	.160	.078	.022	.155	.076	.021	.150	.075	.021	.146	.073	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.203	.203	.203	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.193	.169	.147	.165	.145	.127	.113	.100	.088	.065	.058	.051	.021	.019	.016	
2.0	.185	.145	.111	.158	.124	.096	.108	.086	.067	.063	.050	.039	.020	.016	.013	
3.0	.177	.127	.087	.152	.110	.076	.104	.076	.053	.060	.044	.031	.019	.014	.010	
4.0	.169	.114	.071	.145	.098	.062	.100	.069	.044	.058	.040	.026	.019	.013	.008	
5.0	.162	.103	.060	.139	.089	.052	.096	.063	.037	.056	.037	.022	.018	.012	.007	
6.0	.155	.095	.052	.133	.082	.045	.092	.058	.032	.053	.034	.019	.017	.011	.006	
7.0	.148	.088	.046	.127	.076	.040	.088	.054	.029	.051	.032	.017	.017	.010	.006	
8.0	.142	.082	.042	.122	.071	.036	.084	.050	.026	.049	.030	.015	.016	.010	.005	
9.0	.136	.077	.038	.117	.067	.033	.081	.047	.024	.047	.028	.014	.015	.009	.005	
10.0	.130	.073	.035	.112	.064	.031	.078	.045	.022	.045	.026	.013	.015	.009	.004	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:15 September 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.00V I:0.0900A P:19.000W PF:0.9130 Freq:50.00Hz Lamp Flux:1813.24x1 lm										
NAME: O18W-E 4000K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:295			Shielding Angle:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	20.2	21.7	20.5	21.9	22.2	20.2	21.7	20.5	21.9	22.2
3H	21.7	23.0	22.0	23.3	23.6	21.6	23.0	22.0	23.3	23.6
4H	22.2	23.5	22.6	23.8	24.1	22.2	23.5	22.5	23.8	24.1
6H	22.6	23.8	23.0	24.1	24.4	22.5	23.8	22.9	24.1	24.4
8H	22.7	23.9	23.1	24.2	24.5	22.6	23.8	23.0	24.1	24.4
12H	22.8	23.9	23.1	24.2	24.6	22.6	23.8	23.0	24.1	24.4
4H 2H	20.8	22.1	21.1	22.4	22.7	20.8	22.1	21.1	22.4	22.7
3H	22.4	23.6	22.8	23.9	24.2	22.4	23.6	22.8	23.9	24.2
4H	23.1	24.2	23.5	24.5	24.9	23.1	24.1	23.5	24.5	24.8
6H	23.6	24.5	24.0	24.9	25.3	23.5	24.4	23.9	24.8	25.2
8H	23.8	24.6	24.2	25.0	25.4	23.6	24.5	24.1	24.9	25.3
12H	23.9	24.7	24.3	25.1	25.5	23.7	24.5	24.1	24.9	25.3
8H 4H	23.3	24.2	23.8	24.6	25.0	23.3	24.2	23.7	24.6	25.0
6H	24.0	24.7	24.4	25.1	25.6	23.9	24.6	24.3	25.0	25.5
8H	24.2	24.8	24.7	25.3	25.8	24.1	24.7	24.5	25.2	25.6
12H	24.4	24.9	24.9	25.4	25.9	24.2	24.7	24.7	25.2	25.7
12H 4H	23.3	24.1	23.8	24.5	25.0	23.3	24.1	23.8	24.5	25.0
6H	24.0	24.6	24.5	25.1	25.6	23.9	24.6	24.4	25.0	25.5
8H	24.3	24.8	24.8	25.3	25.8	24.1	24.7	24.6	25.2	25.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1813 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 2.1)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:15 September 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.00V I:0.0900A P:19.000W PF:0.9130 Freq:50.00Hz Lamp Flux:1813.24x1 lm		
NAME: O18W-E 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295	Shielding Angle:

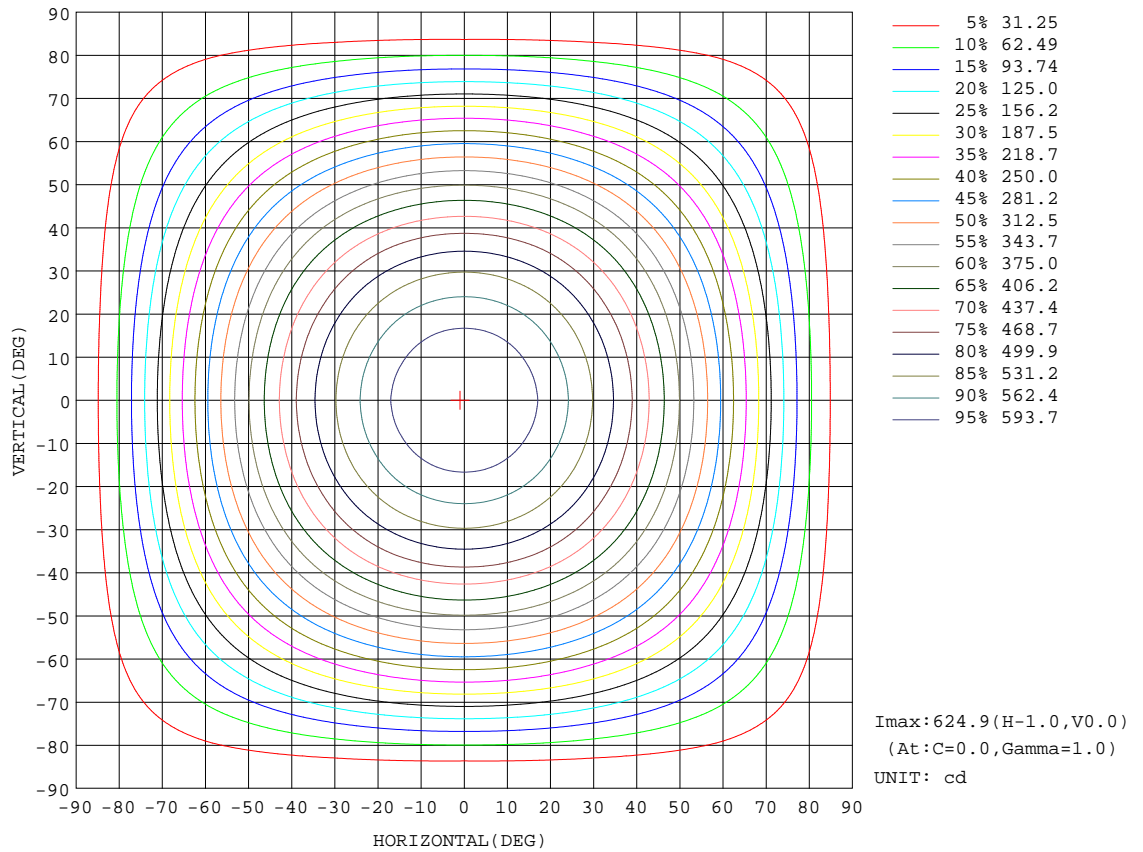
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	98	91	85	96	89	84	92	86	82	73
3.00	102	95	89	100	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	97	94	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:15 September 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.00V I:0.0900A P:19.000W PF:0.9130 Freq:50.00Hz Lamp Flux:1813.24x1 lm		
NAME: O18W-E 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295	Shielding Angle:

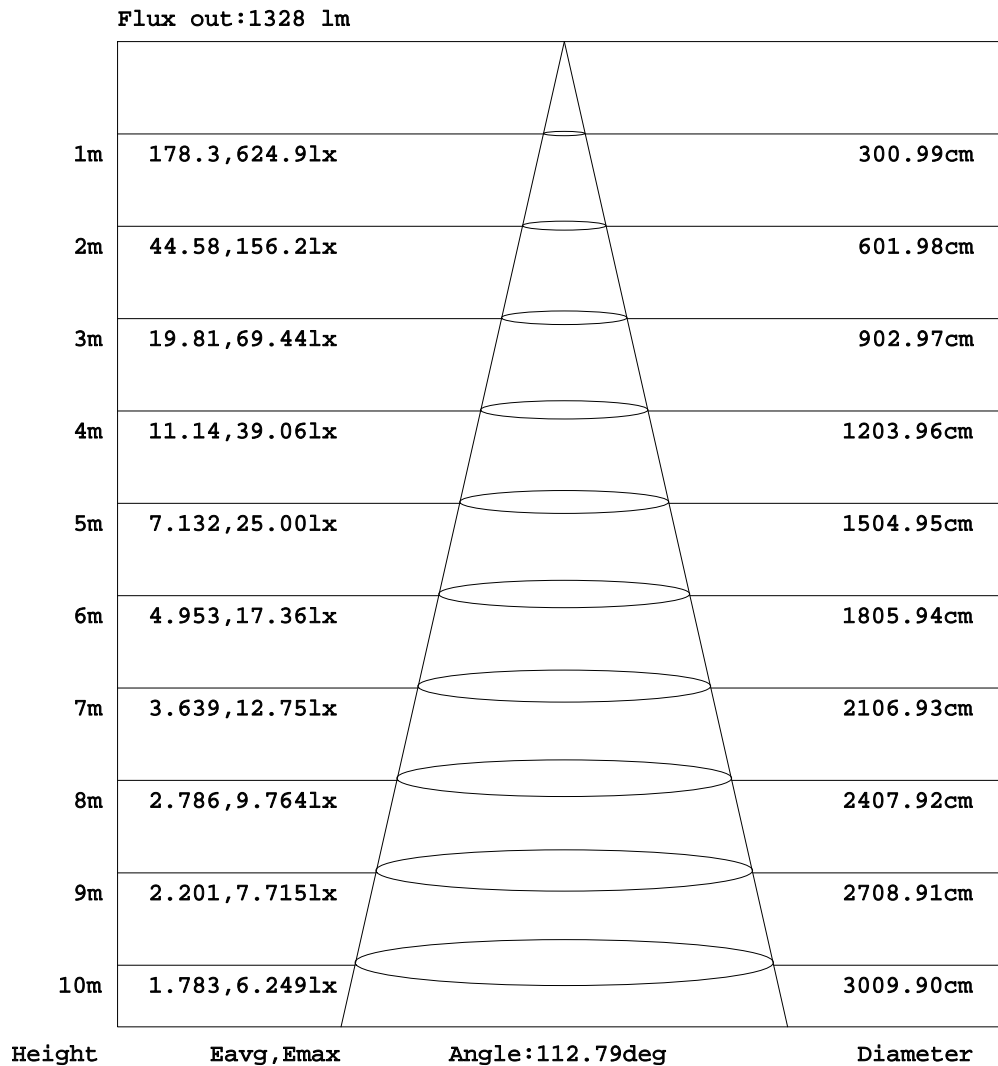


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:15 September 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

AAI Figure

Test:U:230.00V I:0.0900A P:19.000W PF:0.9130 Freq:50.00Hz Lamp Flux:1813.24x1 lm		
NAME: O18W-E 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295	Shielding Angle:



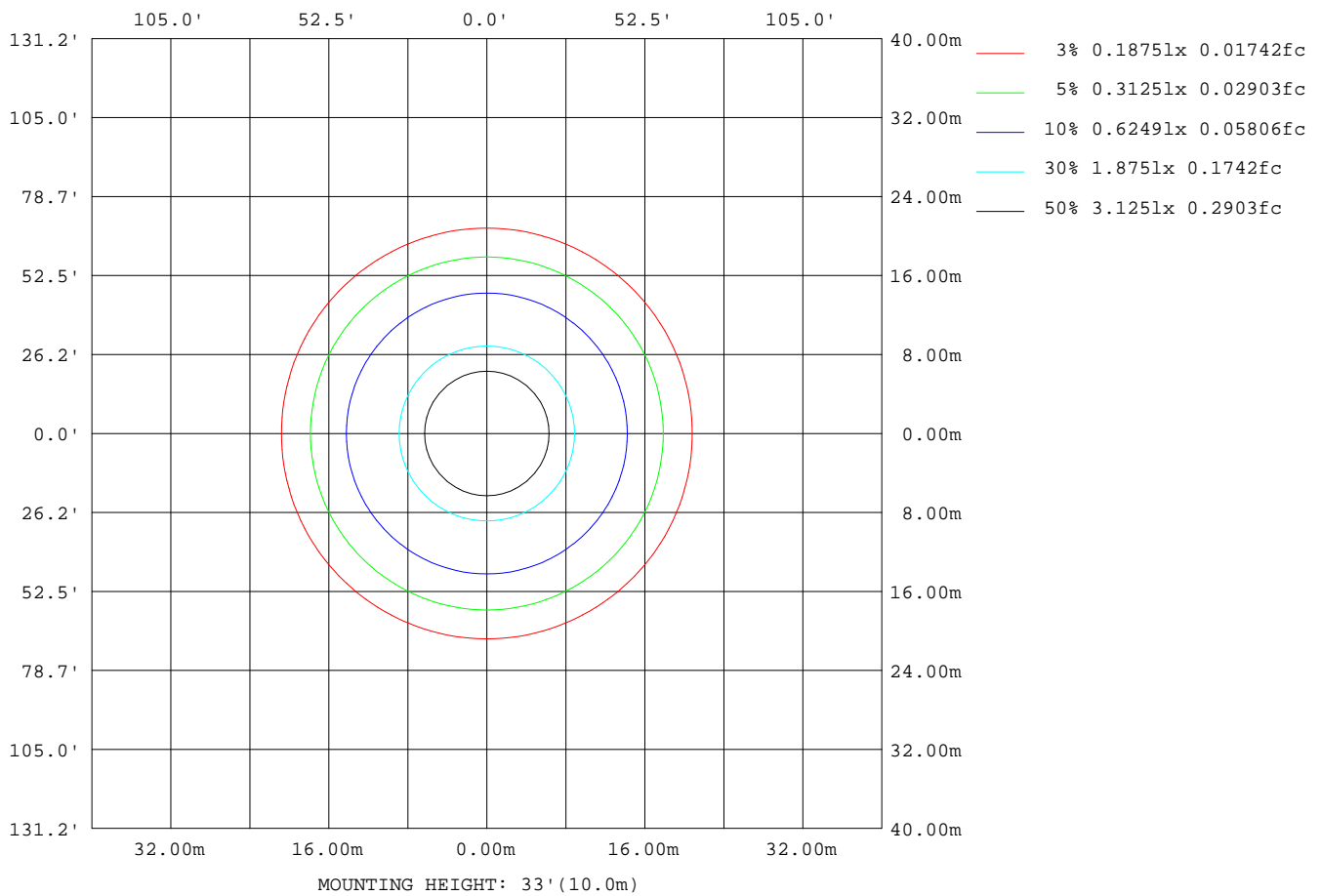
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 15 September 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 10.890m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.00V I:0.0900A P:19.000W PF:0.9130 Freq:50.00Hz Lamp Flux:1813.24x1 lm		
NAME: O18W-E 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:15 September 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:230.00V I:0.0900A P:19.000W PF:0.9130 Freq:50.00Hz Lamp Flux:1813.24x1 lm		
NAME: O18W-E 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295	Shielding Angle:

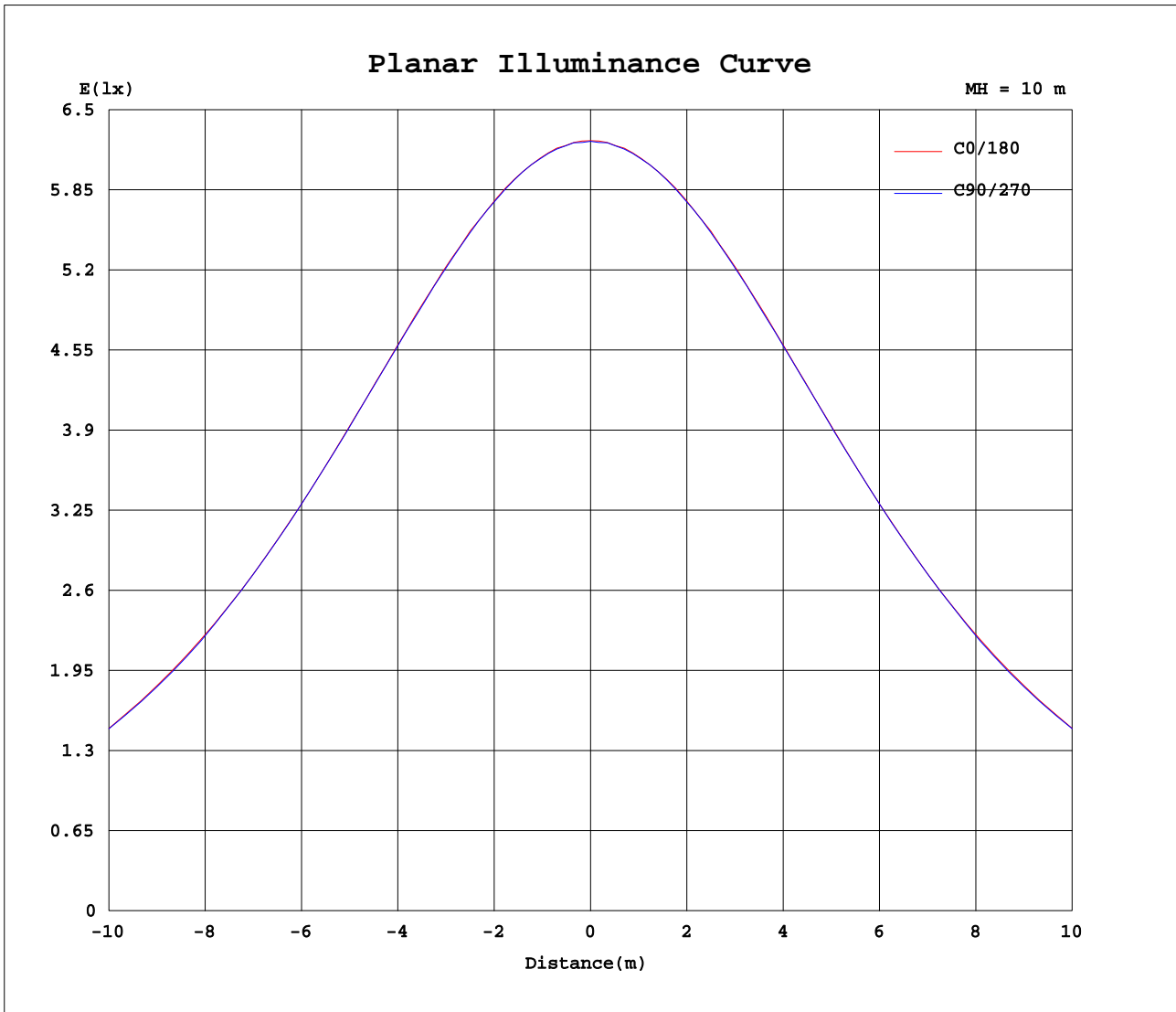
AvgL	cd/m2
L_0~180(65)av	7753
L_0~180(75)av	6568
L_0~180(85)av	5134
L_90~270(65)av	7764
L_90~270(75)av	6410
L_90~270(85)av	3709
L_45(65)av	7747
L_45(75)av	6493
L_45(85)av	4447

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:15 September 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 15 September 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 10.890m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.00V I:0.0900A P:19.000W PF:0.9130 Freq:50.00Hz Lamp Flux:1813.24x1 lm		
NAME: O18W-E 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	625	624	624	624	624	624	625	624	624	624	624	624						
5	622	622	622	622	622	622	622	622	622	622	622	622						
10	614	613	613	613	613	613	614	613	613	613	613	613						
15	600	600	600	599	600	600	600	600	600	599	600	600						
20	582	581	581	581	581	581	582	581	581	581	581	581						
25	558	558	558	558	558	558	558	558	558	558	558	558						
30	530	530	529	529	529	530	530	530	529	529	529	530						
35	497	496	497	497	497	496	497	496	497	497	497	496						
40	460	459	460	458	460	459	460	459	460	458	460	459						
45	419	418	418	418	418	418	419	418	418	418	418	418						
50	374	374	374	374	374	374	374	374	374	374	374	374						
55	327	327	326	327	326	327	327	327	326	327	326	327						
60	275	276	276	276	276	276	275	276	276	276	276	276						
65	223	223	222	223	222	223	223	223	222	223	222	223						
70	169	168	168	167	168	168	169	168	168	167	168	168						
75	116	115	114	113	114	115	116	115	114	113	114	115						
80	67.1	65.8	63.3	62.0	63.3	65.8	67.1	65.8	63.3	62.0	63.3	65.8						
85	30.4	28.5	24.2	22.0	24.2	28.5	30.4	28.5	24.2	22.0	24.2	28.5						
90	10.2	8.52	5.11	3.60	5.11	8.52	10.2	8.52	5.11	3.60	5.11	8.52						
95	1.86	1.94	1.78	1.77	1.78	1.94	1.86	1.94	1.78	1.77	1.78	1.94						
100	2.23	2.23	2.22	2.22	2.22	2.23	2.23	2.23	2.22	2.22	2.22	2.23						
105	2.70	2.69	2.69	2.70	2.69	2.69	2.70	2.69	2.69	2.70	2.69	2.69						
110	3.17	3.18	3.19	3.20	3.19	3.18	3.17	3.18	3.19	3.20	3.19	3.18						
115	3.67	3.69	3.71	3.73	3.71	3.69	3.67	3.69	3.71	3.73	3.71	3.69						
120	4.20	4.22	4.24	4.28	4.24	4.22	4.20	4.22	4.24	4.28	4.24	4.22						
125	4.74	4.77	4.79	4.84	4.79	4.77	4.74	4.77	4.79	4.84	4.79	4.77						
130	5.29	5.33	5.35	5.42	5.35	5.33	5.29	5.33	5.35	5.42	5.35	5.33						
135	5.85	5.88	5.92	5.99	5.92	5.88	5.85	5.88	5.92	5.99	5.92	5.88						
140	6.40	6.42	6.47	6.55	6.47	6.42	6.40	6.42	6.47	6.55	6.47	6.42						
145	6.93	6.94	7.00	7.07	7.00	6.94	6.93	6.94	7.00	7.07	7.00	6.94						
150	7.45	7.43	7.52	7.59	7.52	7.43	7.45	7.43	7.52	7.59	7.52	7.43						
155	7.93	7.88	7.99	8.06	7.99	7.88	7.93	7.88	7.99	8.06	7.99	7.88						
160	8.39	8.31	8.42	8.49	8.42	8.31	8.39	8.31	8.42	8.49	8.42	8.31						
165	8.84	8.75	8.82	8.91	8.82	8.75	8.84	8.75	8.82	8.91	8.82	8.75						
170	9.24	9.14	9.21	9.31	9.21	9.14	9.24	9.14	9.21	9.31	9.21	9.14						
175	9.54	9.48	9.54	9.57	9.54	9.48	9.54	9.48	9.54	9.57	9.54	9.48						
180	9.68	9.65	9.66	9.66	9.66	9.65	9.68	9.65	9.66	9.66	9.66	9.65						

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